

KRANDIYEVSKIY, Vadim Semenovich [Krandiievs'kyi, V.S.] ; SHUL'GA, P.L.,
[Shul'ba, P.L.], doktor geol.-min.nauk, ovt.red.; MEL'NIK,
G.F. [Mel'nyk, H.F.], red.izd-va; MATVIYCHUK, O.O., tekhn.
red.

[Silurian ostracods of Podolia. Kyiv, Vyd-vo Akad.nauk Ukr.
RSR, 1958. 39p. (Akademiiia nauk URSR, Kiev. Instytut
geologichnykh nauk. Trudy, no.27) (MIRA 13:2)
(Podolia--Ostracoda, Fossil)]

AUTHORS: Shul'ga, P.L. and Shpakova, V.B. 21-58-5-23/28

TITLE: New Geological Section of the Paleozoic Deposits in the North-Western Part of Volyn' (Novyy geologicheskiy razrez paleozoyskikh otlozhenny v severo-zapadnoy chasti Volyni)

PERIODICAL: Dopovid Akademii nauk Ukrains'koi RSR, 1958, Nr 5,
pp 558-561 (USSR)

ABSTRACT: The article describes the geological section of a prospecting hole drilled in 1957 on the right bank of the Zapadnyy Bug river in the village Berezhtsy, Lyuboml' district, Volyn' Oblast'. This hole crossed the following deposits: Quaternary - 16.5 m, Upper Cretaceous - 321.40 m, Jurassic - 7.50 m, Lower Carboniferous - 13.55 m, Upper Cambrian - 285.25 m, Middle Cambrian - 136.45 m, Lower Cambrian - 125.45 m, and Ripheus - 340.55 m, of which 109.2 m in the upper part correspond to the Baltic laminaritic and Gdov formations, and 231.35 m in the lower part are represented by sedimentary effusive rocks. The authors correlate the Upper Cambrian deposits in the section under consideration, with the horizon of obolus sandstones and dictyonema slates. There is a transgressive overlap of the Lower Cambrian deposit over the Ripheus ones.

Card 1/2

21-58-5-23/28

New Geological Section of the Paleozoic Deposits in the North-Western Part of Volyn'

The laminaritic-Gdov formation in this section is correlated with the lower strata of the Podolian Ushitsa series. There are 4 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: October 17, 1958

NOTE: Russian title and Russian names of the individuals and institutions appearing in this article have been used in the transliteration.

1. Geology---USSR

Card 2/2

KONOPLINA, Ol'ga Rufovna; SHUL'GA, P.L., doktor geol.-min.nauk, ovt.
red.; CHEKHOVICH, N.Ya., red,izd-va; RAKHLINA, N.P., tekhn.red.

[Foraminifers in upper Devonian deposits of the western part
of the Ukraine.] Foraminifery verkhn' odevona'kykh vidkladiv
zakhidnoi chastyi Ukrayny. Kyiv, vyd-vo Akad. nauk Ukr. RSR.
1959. 47 p. (Akademija nauk URSR, Kiev, Instytut geologichnykh
nauk. Trudy. Seriia stratygrafii i paleontologii, no.26).
(MIRA 13:2)

(Olesko region--Foraminifera, Fossil)

SHUL'GA, P.L.

GOLOVASHCHUK, S.I. [Holovashchuk, S.I.]; SOKOLOVSKIY, I.L. [Sokolovs'kyi, I.L.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, etv.red.; DYATKOVSKAYA, N.P. [Dziatkivs'ka, N.P.], red.-leksikograf; BABINETS, A.E. [Babynets', A.IE.], kand.geol.-mineral.nauk, red.; DYADCHENKO, M.G. [Diadchenko, M.H.], kand.geol.-mineral.nauk, red.; KAPTARENKO-CHERNOUSOVA, O.K., doktor geol.-mineral.nauk, red.; NOVIK, K.O., red.; PISKORS'KA, O.K., red.; SOROCHAN, O.A., red.; USENKO, I.S., kand.geol.-mineral.nauk, red.; SHUL'GA, P.L. [Shul'ha, P.L.], doktor teol.-mineral.nauk, red.; SHTUL'MAN, I.F., red.izd-va; BUNIY, R.O., tekhn.red.

[Russian-Ukrainian geological dictionary; 19000 words] Russko-ukrainskii geologicheskii slovar'. 19000 terminov. Sost.S.M. Golovashchuk i I.L.Sokolovskii. Kyiv, Izd-vo Akad.nauk USSR, 1959. 280 p.

(MIRA 13:6)

1. Akademiya nauk USSR, Kiyev. 2. AN USSR (for Bondarchuk).

3. Chlen-korrespondent AN USSR (for Novik).

(Geology--Dictionaries)

(Ukrainian language--Dictionaries--Russian language)

(Russian language--Dictionaries--Ukrainian language)

BONDARCHUK, V.G., akademik, otv.red.; PORFIR'YEV, V.G., akademik, red.; KOZIN, Ya.D., doktor geol.-miner.nauk, red.; KAPTARENKO-CHERNOU-SOVA, O.K., doktor geol.-miner.nauk, red.; SHUL'GA, P.I., doktor geol.-miner.nauk; KLIMENKO, V.Ya., kand.geol.-miner.nauk, red.; MOLYAVKO, G.I., kand.geol.-miner.nauk, red.; KLITOCHENKO, I.F., red.; MUROMTSEV, A.S., red.; MUKHIN, A.V., red.; CHERPAK, S.Ye., red.; MANVELOVA, K.K., mladshiy nauchnyy sotrudnik, red.; MEL'NIK, A.F., red.izd-va; MILEKHIN, I.D., tekhn.red.

[Geology, and oil and gas potentials of eastern regions in the Ukraine; proceedings of the conference on oil and gas potentials of the Ukraine] Geologicheskoe stroenie i neftegazonosnost' vostochnykh oblastei Ukrayiny; trudy nauchno-proizvodstvennogo soveshchaniia po probleme neftegazonosnosti Ukrayiny, 27 fevralia - 3 marta 1956 g. Kiev, 1959. 436 p. (MIRA 13:3)

1. Akademiiia nauk URSR, Kiev. Instytut geologichnykh nauk.
 2. AN USSR (for Bondarchuk, Porfir'yev).
 3. Glavnnyy geolog ob"yedineniya "Ukrneft'" (for Klitochenko).
 4. Direktor Ukrainskogo otdeleniya Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedochnogo neftyanogo instituta (VNIGNI) (for Muromtsev).
 5. Glavnnyy inzhener tresta "Ukrneftegeofizika" (for Mukhin).
 6. Glavnnyy geolog tresta "Ukrkvostokneferazvedka" (for Cherpak).
 7. Institut geologicheskikh nauk AN USSR (for Manvelova).
- (Ukraine--Petroleum geology) (Ukraine--Gas, Natural--Geology)

SHUL'GA, P.L. [Shul'ha, P.L.]

Fourth International Congress on the Stratigraphy and Geology
of the Carboniferous period. Geol.zhur. 19 no.1:114-116 '59.
(MIRA 12:2)
(Heerlen, Netherlands--Geology, Stratigraphic--Congresses)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, P.L. [Shul'ha, P.L.]

Carboniferous Pelecypods in the Donets Basin, their distribution
and stratigraphical importance. Geol. zhur. 19 no.2:17-27 '59.
(MIRA 12:7)

(Donets Basin--Lamellibranchiata)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, P.L.

AYZENVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.;
GOLYAK, L.M. [Holiak, L.M.]; GORAK, S.V. [Horak, S.V.];
DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O.
[Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.];
KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ya. [Kraieva, IE.IA.];
KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO,
D.Ye.; MOLYAVKO, G.I. [Moliavko, H.I.]; MULIKA, A.M.; PASTERNAK,
S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.;
SOKOLOVSKIY, I.I.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.;
SHUL'GA, P.L. [Shul'ha, P.L.], doktor geol.-mineral.nauk; YAMNICHENKO,
I.M. [Yamnychenko, I.M.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akade-
mik, otv.red.

[Atlas of paleogeographical maps of the Ukrainian and Moldavian
S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleo-
geografichnykh kart Ukrains'koi i Moldavs'koi RSR z elementamy
litofatsii. Mashtab 1:2,500,000. Sklaly D.IE. Aizenverg i dr.
Za zahal'nym kerivnytstvom V.N.Bondarchuka. Kyiv, 1960. xvi p.,
78 col.maps. (MIRA 13:12)

1. Akademiya nauk USSR, Kiyev. Institut geologicheskikh nauk.
 2. Institut geologicheskikh nauk AN USSR (for all, except Bondarchuk, Pasternak, Slavin).
 3. Instytut geologii korysnykh kopalyn AN URSR (for Pasternak).
 4. Moskovskiy gosudarstvennyy universitet im. Lomonosova (for Slavin).
- (Ukraine--Paleogeography--Maps) (Moldavia--Paleogeography--Maps)

KOZHICH-ZELENKO, M.P.; SHUL'GA, P.L.

Lithology and problems in the stratigraphy of Pre-Ordovician
deposits of western Volhynia. Izv. AN SSSR. Ser. geol. 25
no.9:41-51 S '60. (MIRA 13:9)

1. Institut geologicheskikh nauk AN USSR, Kiyev.
(Volhynia--Geology, Stratigraphic)

SHUL'GA, P.I.; KOZHICH-ZELENKO, M.P.

Boundary of the Devonian and carboniferous of the Volin'-
Podolian part of the Russian Platform. Izv. AN SSSR Ser. geol.
30 no.1:102-115 Ja '65 (MIRA 18:2)

1. Institut geologicheskikh nauk, Kiyew.

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

Peas

Intergeneric vegetative hybridization of peas. Sel. i sem 19, No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, P.M.

USSR/General Biology - Genetics

B-5

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4881

Author : Shul'ga, P.M.

Inst : Not Given

Title : Utilization of Vegetative Hybridization in Selective Seed
Cultivation of Peas

Orig Pub : Agrobiologiya, 1957, No 3, 136-138

Abstract : No abstract

Card : 1/1

~~SHUL'GAV P.M.~~

Yield of horizontal wells in vertical layers. Izv. vys. ucheb.
zav.; neft' i gaz no. 5:67-74 '58. (MIRA 11:8)

1. Groznenskiy neftyanoy institut.
(Petroleum engineering)

SHUL'GA, P.M.

Approximate formula for the maximum oil yield prior to water or
gas injection in wells having bottom waters and a gas cap. Izv.
vys. ucheb. zav.; neft' i gaz 2 no.7:33-40 '59.
(MIRA 12:12)

1. Groznenskiy neftyanoy institut.
(Oil reservoir engineering)

SHUL'GA, P. M., Cand Tech Sci -- "Study of the flow of oil
to the wells in vertical layers and in oil-gas deposits with
~~under-surface~~ water." Baku, 1961. (Com of Higher and Sec
Spec Ed of the Council of Ministers AzSSR. Azerbaydzhan
Order of Labor Red Banner Inst of Oil and Chem im M. Aziz-
bekov) (KL, 8-61, 252)

SHUL'GA, P.M.

Electric modeling of the process of the inflow of fluid to a well
in an isolated tectonic block. Izv.vys.ucheb.zav.; neft' i gaz
4 no.7:51-57 '61. (MIRA 14:10)

1. Groznenskiy neftyanoy institut.
(Hydraulics—Electromechanical analogies)

NANIKOV, B.A.; SHUL'GA, P.M.; SAFRONOV, V.A.

Applicability of methods for processing well-bottom pressure
build-up curves. Nefteprom. delo no.1:9-12 '64. (MIRA 17:4)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i
gazovoy promyshlennosti i Volgogradskiy politekhnicheskiy institut.

SHUL'GA, P.I.

Determining the piezo-conductivity factor of a reservoir from the point of maximum change of the reservoir pressure in a reacting well. Izv. vys. ucheb. zav.; neft' i gaz 7 no.5:55-58 '64.
(MIRA 17:9)

1. Volgogradskiy politekhnicheskiy institut.

RYBACHOK, I.N.; SHUL'GA, P.M.

Effect of minimal and average fluid-flow velocities on the
selection of the sedimentation tank in the treatment of oil.
Izv. vys. zav., neft' i gaz 7 no.6169-72 '64. (MIRA 17:9)

Izv. vys. zav., neft' i gaz 7 no.6169-72 '64. (MIRA 17:9)
L. Volgogradskiy politekhnicheskiy institut i Vsesoyuznyy
nauko-issledovatel'skiy institut nefti i gaza.

RYABCHIK, I.N.; SHUL'GA, P.M.

Selection of the sump tank on units for preliminary refining
based on the specific consumption of metal. Izv. vys. ucheb.
zav.; neft' i gaz 7 no.7;93-94 '64.

(MIRA 17:9)

1. Volgogradskiy politekhnicheskiy institut.

RYBANOV, I.N.; SHULIGA, P.M.

Objectives of efficient methods for petroleum. Main. i tehn.
(MIRA 17:8)

Dokl. Akad. Nauk SSSR 239-15 Ap 1974.

I. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i
gazovoy promstvennosti.

RYBACHOK, I.N.; SHUL'GA, P.M.

Effect of the design of a lead-in pipe on the settling of
petroleum. Nefteper. i neftekhim. no.8:34-36 '64.

1. Volgogradskiy nauchno-issledovatel'skiy institut nefti i gaza
i Volgogradskiy politekhnicheskiy institut. (MIRA 17:10)

RYBACHOK, I.N.; SHUL'GA, P.M.

Increasing the use factor of a sedimentation tank by changing
the design of the water and petroleum outlet nipples. Mash. i
neft. obor. no.9:11-13 '64. (MIRA 17:11)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i
gazovoy promyshlennosti i Volgogradskiy politekhnicheskiy institut.

RYBACHOK, I.N.; SHUL'GA, P.M.; SOKOLOV, A.P.; PURIY, G.V.

Increasing the efficiency of sedimentation tanks in demulsification units by changing the design of the nipples for fluid inlet and outlet. Nefteprom. delo no.2:31-33 '65.

(MIRA 18:5)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti; Volgogradskiy politekhnicheskiy institut i Zhirnovskoye neftepromyslovoye upravleniye.

RYBACHOK, I.N.; SHUL'GA, P.M.

Some results of the operation of units used in the preparation of petroleum for the petroleum refinery. Izv. vys. ucheb. zav.; neft' i gaz 8 no.3:69-71 '65. (MIRA 18:5)

1. Volgogradskiy politekhnicheskiy institut i Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

SHUL'GA, P.N.

11-278/2

Meeting of the Department of Geologic-Geographical Sciences of the USSR Academy of Sciences. Held on the occasion of the 40th anniversary of the Great October Socialist Revolution (Obshcheye sobranie otdeleniya geologicheskikh nauk AM SSSR, posvashchennoye 40-letiiyu Velikoy oktyabr'skoy sotsialisticheskoy revolyutsii)

Inventiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958, #1, p. 117 (USSR)

On October 29-31, 1957, a general meeting of the Department of geologic-geographical sciences was held in Moscow, commemorating the 40th anniversary of the Great October Socialist Revolution. The meeting was opened by the chairman D.I. Shcherbakov. The meeting was attended by the following reports: 1. Academician I.V. Mat'yanov - On the Geodynamics and Plateaus on Geological Maps; 2. Academician M.M. Al'tman - Development of Geochronology in the USSR; 3. Academician G.P. Kuklin - On the History of Geochronology in the USSR; 4. Member-Correspondent of the USSR Academy of Sciences V.A. Korzhov - Biostratigraphy and Geochronology of Cenozoic Deposits; 5. Member-Correspondent of the USSR Academy of Sciences V.A. Tikhonov - On the History of Geochronology in the USSR.

SHUL'GA, S.S. [deceased] podpolkovnik med. sluzhby

Oral inspection of naval personnel. Voen. med. zhur. no.3:71-72
Mr '58. (MIRA 12:7)

(MOUTH,

oral hyg. effectiveness in decrease of infect. in naval
personnel (Rus))

1955, 5.7.

BUKLA, S.S.

"Development of Spectrographic Methods for Controlling the Composition of Fractions of Raw Benzene in Coke-Chemical Rectification Plants." Cand Phys-Math Sci, Acad Sci Ukrainian SSR, Kiev, 1955. (KL, No 14, Apr 55)

CC: Sim. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SHUL'GA, S.Z.

Spectrographic benzene determination in the head fraction of benzol.
Zav. lab. 23 no. 5: 577-579 '57.
(MLRA 10:8)

1. Institut fiziki Akademii nauk Ukrainskoy SSR.
(Benzene--Spectra)

Shul'ga, S.Z.

32-11-45/60

AUTHOR: Shul'ga, S.Z.

TITLE: Use of a Quartz Spectrograph as a Monochromator (Ispol'zovaniye kvartsevogo spektrografa v kachestve monokhromatora)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1385-1386 (USSR)

ABSTRACT: It is described as practical to use one and the same apparatus for photographic and, at the same time, for photoelectric recording of the spectrum. For this purpose it is recommended to use an additional device, two varieties of which are described: 1.) In front of the objective of the spectrograph there are small frames which can be shifted in a forward direction (here referred to as sledges) upon which a flat mirror, which revolves round its axis, is mounted, and which is moved by means of a lever fastened to the mirror. The arrangement is such that, when the frame is shifted, the direction of the central reflected beam remains constant, i.e. that a position is attained in which, at the side of the spectrograph, a focus of the beams at the point F is attained. At this point the initial slot of the spectral apparatus is fitted. This position must be maintained in the case of all positions taken up by the frames. The disadvantage of this additional device is that the camera of the spectrograph must be reconstructed accordingly. In the case of the second variety the same linearly

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Use of a Quartz Spectrograph as a Monochromator

32-11-45/60

shiftable frames are concerned, only that they are in this case located before the lens of the spectrograph under a certain angle. The initial slot is connected with the frame by means of a holder of special shape. The arrangement is here such that the center of the objective of the camera and of the mirror is always on a straight line with the initial slot. The lens fitted before the frame projects the reduced picture from the spectrograph lens (reflected by the mirror) on to the cathode of the photoelectric light receiver. This construction is here given preference, and it is pointed out that such an additional device could also be used in the scheme of the photoelectric spectrophotometer for the ultraviolet spectral range. There are 4 figures.

ASSOCIATION: Physical Institute AN Ukrainian SSR (Institut fiziki Akademii nauk USSR)

AVAILABLE: Library of Congress

Card 2/2

AUTHORS: Fugol', I.Ya., and Shul'ga, S.Z.

SOV/51-5-1-6/19

TITLE: Investigation of the Polarized Luminescence and the Weak Long-Wavelength Absorption by Anthracene at T = 20°K (Issledovaniye polyarizovannoy lyuminestsentsii i slabogo dlinnovolnovogo pogloschcheniya antratsena pri T = 20°K)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol 5, Nr 1, pp 34-36 (USSR)

ABSTRACT: The present paper is the continuation of earlier investigations described in Ref 1. The aim was to find quantitative relationships in the spectra of polarized luminescence and weak long-wavelength absorption by anthracene and to verify changes of intensity of separate lines in the luminescence spectrum of crystalline samples at T = 20°K. Measurements of intensities were made using a triple-prism glass spectrograph and a photomultiplier FMT-19. To lower the intrinsic noise of the photomultiplier its cathode was cooled with liquid nitrogen. Luminescence and absorption were measured in polarized light on the same sample placed in a cryostat described in Ref 5. The polarization ratio was found from the ratio of areas under the appropriate curves (the coefficient of absorption for absorption and the intensity for luminescence). A mercury lamp SVDSH-250 was

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SOV/51-5-1-6/19

Investigation of the Polarized Luminescence and the Weak Long-Wavelength Absorption by Anthracene at T = 20°K

used as the excitation source. Figs 1 and 2 show the luminescence intensity for crystalline anthracene. Fig 1 gives the spectral region of 24900-22100 cm^{-1} . Fig 2 gives the first band of luminescence on a larger scale. Fig 3 gives the luminescence of a sample with a damaged surface. Fig 4 gives the distribution of optical density for weak long-wavelength absorption. In each of the four figures I denotes the b-component and the II denotes the a-component. The polarization ratio was calculated from the ratio of the areas under the curves for these two components. This ratio is given in the table on p 36 for a crystal of 8 μ thickness. The results obtained indicate that luminescence of anthracene crystals is produced at certain local levels near imperfections in the crystal lattice. The authors thank A.F. Prikhot'ko for advice and E.A. Balezin for help in assembly of the electrical part of the apparatus. There are 4 figures, 1 table and 6 references, 4 of which are Soviet and 2 American.

Card 2/2
ASSOCIATION: Institut fiziki, AN UkrSSR (Institute of Physics, Academy of Sciences of the Ukrainian S.S.R.) 1. Anthracene crystals-Luminescence

SUBMITTED: August 9, 1957 2. Anthracene crystals-Excitation 3. Anthracene crystals-Spectrographic analysis

32-24-6-39/44

AUTHOR: Shul'ga, S. Z.

TITLE: An Apparatus for Measuring the Absorption Spectra by Means of Photoelectric Registration (Ustanovka dlya izmereniya spektrov pogloshcheniya s fotoelektricheskoy registratsiyey)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 6, pp. 778 - 780 (USSR)

ABSTRACT: An apparatus produced according to instructions by A. F. Prikhvat'ko, Doctor of Physical-Mathematical Sciences, using a scheme on the basis of the photoelectronic multiplier FEU -18, is described. This plant makes it possible to carry out measurements of optical density within a range of the wavelength of from 2300 - 5000 Å, with an effective spectral width of the aperture of the order of 1 Å, within the range of optical densities of from 0 - 1,5 and with a maximum relative error of from 2 - 3 %. A Hil'ger-type quartz spectrograph of medium dispersion, equipped with an optical-mechanical additional device which makes it possible to use it as a monochromator, is described as being the prin-

Card 1/2

TELYATNIK, A.I. [Teliatnyk, A.I.]; SHUL'GA, S.Z. [Shul'ha, S.Z.]

Effect of oxygen on the electronic paramagnetic resonance
of some coals at low temperatures. Ukr.fiz.zhur. 7
no.1:86-87 Ja '62. (MIRA 15:11)

1. Institut fiziki AN UkrSSR, Kiyev.
(Coal)
(Paramagnetic resonance and relaxation)
(Oxygen)

L 17022-63
BDS/ES(j)

EWT(1)/EPF(c)/EWT(m)/ S/185/63/008/004/007/015

AFFTC/ASD Pr-4 GG/RM/WW/AR/JFW/K

AUTHOR:

Shul'ga, S. Z., Telyatnyk, A. I., Taranukha, O. M., and Sydoryk,

H1

49

i.e.

TITLE:

EPR Spectra of certain γ -irradiated amino acids over a wide temperature range

PERIODICAL:

Ukrayins'kyi fizichnyi zhurnal, v. 8, no. 4, April 1963, 460-468

TEXT: The authors study the EPR spectra of a great number of amino acids irradiated by a cobalt γ -source. These studies are important because of the character of the radiation damage to solids, of the superfine interaction of an unpaired electron with paramagnetic nuclei in free radicals, of the properties of molecular orbits of an unpaired electron, etc. The study of radiation defects in amino acids can also be the basis for the study of radiation damages in biological objects since amino acids are the building blocks of protein molecules. Assumptions are made regarding the structure of the free radicals arising in certain of the substances studied. The spectrum of the irradiated DL-norleucine differs from that obtained by some other authors, who used X-ray tubes for irradiation. The relationship of the spectra to temperature was studied over a wide range.

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L 17022-63

EPR Spectra of certain....

S/185/63/008/004/007/015

2

range extending from room temperature to that of liquid nitrogen (77°K) and liquid hydrogen (20.4°K). The authors observed expansion of the components of superfine structure; this effect is explained by freezing of the rotary motions of the radicals resulting in averaging of the dipole-dipole interaction. In some instances a slight variation was noted in the magnitude of superfine splitting; and in some cases improvement in the symmetry of the superfine structure picture during cooling was observed. An attempt was made to explain this phenomenon. The authors also studied the change in EPR spectra due to recombination of free radicals which results from heating samples at 100°C .

ASSOCIATION: Institut fizyki AN URSR (Institute of Physics of the Ukrainian Academy of Sciences, Kiev)

SUBMITTED: September 12, 1962

Card 2/2

SHUL'GA, S.Z. [Shul'ha, S.Z.]; TELYATNIK, A.I. [Teliatnyk, A.I.]

Use of the electron paramagnetic resonance method in studying
the structure and orientation of the stabilized free radicals
in γ -irradiated, d,l-valine single crystals. Ukr. Fiz. zhur. 9
no.2:185-191 F'64 (MIRA 17:?)

1. Institut fiziki AN UkrSSR, Kiyev.

CHAPIN, T. V.; ANDERSON, RAY. (Fermilab, 1971)

An absorption line of $\text{^{39}Ar}$ in a high-frequency electric field
in the 25-35 GHz range. Ukr. fiz. zhurn. 5 no.9:1377-8 (64).
(MTR-17:21)

i. Institut fiziki AN UkrSSR, Kiev.

SHUL'GA, T. M.

SHUL'GA, T. M.--"Hygienic Evaluation of the Climatic Factors of Petrovorets as a place of Rest for Workers." (Dissertation for Degrees in Science and Engineering Defended by USSR Educational Institutions) Min Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955. * Medical Sciences

SO: Knizhnaya Letopis' No. 37, 10 September 1955.

SHUL'GA, T.M., assistent

Some new data for the establishment of permissible concentrations
of carbon monoxide in the air. Gig.i san. 26 no.3:3-9 Mr '61.
(MIRA 14:7)

1. Iz kafedry gigiyeny Smolenskogo meditsinskogo instituta i kafedry
kommunal'noy gigiyeny TSentral'nogo instituta usovershenstvovaniya
vrachey.

(CARBON MONOXIDE) (AIR—POLLUTION)

L 28872-66

ACC NR: AP6018868

SOURCE CODE: UR/0240/65/000/004/0003/0006

21

B

AUTHOR: Shul'ga, T. M. (Candidate of medical sciences)

ORG: Department of Hygiene, Smolensk Medical Institute (Kafedra gigiyeny Smolenskogo meditsinskogo instituta); Institute of General and Communal Hygiene im. A. N. Sysin, AMN SSSR, Moscow (Institut obshchey i kommunal'noy gigiyeny, AMN SSSR)

TITLE: Determination of the maximum permissible average daily concentration of carbon monoxide in the atmosphere

SOURCE: Gigiyena i sanitariya, no. 4, 1965, 3-6

TOPIC TAGS: rat, carbon dioxide, carbon monoxide, biologic metabolism, circulatory system

ABSTRACT: Experiments were conducted to verify the maximum permissible average daily concentration of CO of 1 mg per cu m, which was arrived at on the basis of earlier work (T. M. Shul'ga, 1961). Two groups of white rats were kept constantly in an atmosphere containing 1 and 2 mg of CO per cu m for 2½ months. The activity of the animals was observed during the experiment; their weight, the motor chronaxie of muscle antagonists, and the rheobase and chronaxie of flexors and extensors of the right hand leg were measured. The results showed that an average concentration of 2.65 mg of CO per cu m night and day for 2½ months caused a certain change in porphyrin.

Card 1/2

UDC: 614.72:615.712.17:613.155.3

SHUL'GA, T.M., assistant

New data for the hygienic evaluation of carbon monoxide in the air. Pred.dop.kontsent.atmosf.zagr. no.6:128-145 '62. (MIRA 15:9)

1. Iz kafedry gigiyeny Smolenskogo meditsinskogo instituta i kafedry kommunal'noy gigiyeny TSentral'nogo instituta usovershenstvovaniya vrachey.

(AIR--POLLUTION) (CARBON MONOXIDE--TOXICOLOGY)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V., fotolyubitel'

Advice of an alpinist. Sov.foto 20 no.6:26-27 Je '60.
(MIRA 13:7)
(Photography of mountains)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, V.A.

Automatic control of repair shop compressor units. Elek.i
tep.tiaga no.7:9-11 J1 '60. (MIRA 13:8)

1. Nachal'nik elektrodepot Nakhabino Moskovskoy dorogi.
(Railroads—Repair shops) (Air compressors)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

FUKS, B. B.; KONSTANTINOVA, I. V.; KOLAYEVA, S. G.; TSYGANKOV, A. P.; SHUL'GA, V. A.
KRASS, F. M. MAKSIMOVSKIY, L. F.

"Anti-BSA formation initiated in vivo and in vitro by ribonucleic acid from
lymph nodes and spleen of immunized rabbits (histochemical, biochemical and
immunological investigation)."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt,
16-21 Aug 64.

Moscow.

Dept Experimental Biology, Inst Cytology & Genetics, AS USSR, Novosibirsk 72.

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

KUSHMANOVA, O.D.; KHOVANSKAYA, M.G.; SHUL'GA, V.A.

Modified content of ascorbic acid in the adrenal glands in rats
during the development of tourniquet shock in the presence of
various physiological states of the central nervous system.
Pat. fiziol. i eksp. terap. 8 no.4:64-65 Jl-Ag '64.

(MIRA 18:2)

1. Kafedra biokhimii (zav.- chlen-korrespondent AMN SSSR prof.
A.A. Pokrovskiy) II Moskovskogo meditsinskogo instituta imeni
Pirogova.

15-57-5-6637

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 134 (USSR)

AUTHOR: Shul'ga, V. F.

TITLE: Peculiarities in the Structure and Coal Content in the
Stalinogorsk Horizon of the Aleksin Coal-Industry
Region (Osobennosti stroyeniya i uglenosnosti stalino-
gorskogo gorizonta Aleksinskogo uglepromyshlennogo
rayona)

PERIODICAL: Tr. Labor. geol. uglya. AN SSSR, 1956, Nr 6, pp 398-411.

ABSTRACT: The basement of the Stalinogorsk coal-bearing horizon
is an irregular erosional-tectonic surface on light-
colored limestones of the Upa horizon (Tournaisian).
The Stalinogorsk horizon has a cyclic structure,
consisting of three cycles that are separated by erosion
surfaces. Each cycle is composed of sand-clay sediments
and contains several working coal beds. The paleo-
relief in the middle part of the Stalinogorsk epoch
was represented by several highlands separated by

Card 1/2

15-57-5-6637

Peculiarities in the Structure and Coal Content (Cont.)

valleys of different sizes, in which the streams flowed to the north and northeast. The valleys ranged from 3 km to 10 km in width and from 15 m to 30 m in depth. Up to eight beds of coal are distinguished in the valleys of these ancient streams. The most favorable sites for coal accumulation were the terrace areas in the old valleys. The channel parts were characterized by more active water and less favorable conditions for coal accumulation. The author proposes a classification for coal deposits based on position in the ancient valleys. The most promising deposits are on the terraces; the least promising are in the valley proper. Qualitatively, the coal in the terrace areas has the least ash, but the most pyrite. The thickness of the beds on the terraces is greater than in other parts of the valley. The author concludes by appraising the economic value of the different deposits in the Aleksin group on the basis of paleogeographic analysis.

M. Ye. G.

Card 2/2

SHUL'GA, V.F.

A Karst phenomenon in limestones of the lower Carboniferous in the southern wing of the Moscow Basin. Biul.MOIP.Otd.geol.31 no.3:89:93
My-Je '56. (MLRA 9:12)

(Moscow Basin--Karst)

SHUL'GA, V. F., CAND GEOL-MIN SCI, "CONDITIONS OF FORMATION OF COAL-BEARING DEPOSITS IN ALEKSINSKIY RAYON OF THE MOSCOW-VICINITY COAL BASIN." MOSCOW, 1960. (MIN OF HIGHER AND SEC SPEC ED USSR, MOSCOW ORDER OF LENIN AND ORDER OF LABOR RED BANNER STATE UNIV IM M. V. LOMONOSOV, GEOL FAC). (KL, 3-61, 208).

SHUL'GA, V.F.

Characteristics of the structure and coal-bearing possibilities
of the Stalinogorsk horizon in the Aleksin coal field. Trudy
Lab.geol.ugl. no.6:398-410 '56. (MLRA 10:2)

1. Trest "Mosbassuglegoologiya."
(Aleksin--Coal geology)

SHUL'GA, V.F.

Geology of the old Quaternary Upa Valley in the northwestern Tula
Province. Biul. MOIP. Otd. geol. 35 no.4:74-82 Jl-Ag '60.
(MIRA 14:4)
(Upa Valley--Geology, Structural)

SHUL'GA, V.F.

Facies studies of coal-bearing sediments in the southern wing
of the Moscow Basin. Izv. AN SSSR. Ser. geol. 27 no.6:84-94
Je '621 (MIRA 15:5)

1. Tul'skaya kompleksnaya ekspeditsiya.
(Moscow Basin---Coal geology)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V.F.

Traces of the Lower Visean tectonic movements in the Moscow
Basin. Biul. MOIP. Otd. geol. 38 no.5 :57-64 S-0 '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'CA, V.P.

Observations on oriented structures in flysch sediments in the
Soviet Carpathians. Izv. vys. ucheb. zav.; geol. i razv. 8
no.9:47-63 S '65. (MIRA 18:9)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

ACC NR: AP7002661

SOURCE CODE: UR/0109/67/012/001/0019/0021

AUTHOR: Gontar', I.D.; Shul'ga, V.F.

ORG: none

TITLE: Phasemeter with large base

SOURCE: Radiotekhnika i elektronika, v. 12, no. 1, 1967, 19-21

TOPIC TAGS: PHASE meter, ~~territory measurement~~ PHASE SHIFT

ABSTRACT: A phasemeter system with widely separated stations is proposed. The incoming signals in each station (see Fig. 1) are mixed (3 and 6) with local oscillator (7 and 8) signals and after preamplification (4 and 5), pass over a cable or radio line to the common amplifier (13). After that, the second harmonic of the beat-frequency envelope is separated by a filter (14). Incoming-signal phase shifts can be obtained by comparing the output signal of filter (14) with a coherent signal whose phase does not depend on the phase shift of incoming signals. Such a coherent frequency is obtained by transmitting the local oscillator frequency of both stations to each other (to eliminate distortion between the station antennas). These signals pass through a mixer stage (8 and 9) and an amplifier stage (10 and 11) to the adder (12). The phasemeter (15) compares both signals (12 and 14) and produces output voltage proportional

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UDC: 621.317.772

ACC NR: AP7002661

to the phase shift between the signal received in the station. This phasemeter has an advantage over existing equipment in that it can operate even in the presence of fluctuating signals. [WP]

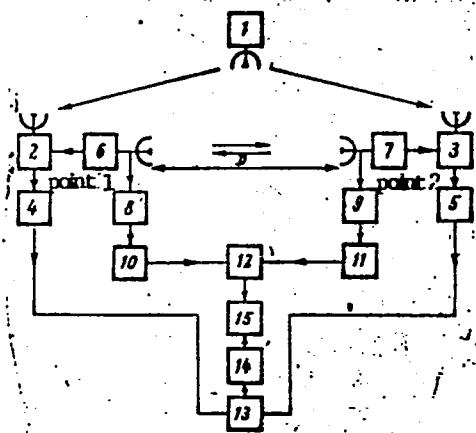


Fig. 1. Phasemeter

SUB CODE: 14, 09 / SUBM DATE: 22Jul65 / OTH REF: 001 / ATD PRESS: 5114

Card 2/2

RAL'YANOV, A.P.; POMAZANOV, I.A.; SHUL'GA, V.G.; BALUKOVA, A.A.

Work practices according to a new technology in the Adler Tea Factory
in 1960-1961. Biokhim. chain. proizv. no.9:96-102 '62.
(MIRA 16:4)

1. Adlerskaya chaynaya fabrika i Krasnodarskiy nauchno-issledovatel'skiy
institut pishchevoy promyshlennosti, Krasnodar.
(Adler--Tea)

DOZORTSEV, A.G.; IBRAGIMOV, E.S.; SHUL'GA, V.G.

LEM-700 self-propelled manifold block. Mash. i neft. obor.
no. 7:23-26 '65. (MIRA 18:12)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut
neftyanogo mashinostroyeniya i zavod "Krasnyy Molot".

<p>Trudy na Radiotekhnicheskoye i Radioisotopicheskoye Protsessirovaniye v Proizvodstve i Prakticheskoye Primenenie Isotopov v Proizvodstve. Vsesoyuznoye Nauchno-tekhnicheskoye Izdatelstvo Tekhnicheskoy Literatury. Moscow, 1957.</p> <p>Sponsoring Agencies: USSR. Glavnaya upravleniya po ispol'zovaniyu atomnyy energii, and Akademicheskoy nauk SSSR.</p> <p>Editorial Board of Set: V.I. Dikshin, Academician (Resp. Ed.), N.M. Shumilovskiy (Deputy Resp. Ed.), Yu. S. Zaslavskiy (Deputy Resp. Ed.), L.I. Iatoshenko, B.I. Verkhovskiy, B.T. Marozov, L.I. Petrenko, and N.D. Zaslavskaya (Secretary).</p> <p>Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: T.P. Polenova.</p>
<p>PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.</p>
<p>COVERAGE: This collection of papers covers a very wide field of the utilization of tracer methods in industrial research and control technique. The topic of this volume is the use of radioisotopes in the machine-and-instrument manufacturing industry. The individual papers discuss the applications of radioscopes techniques in the study of metals and alloys, problems of friction and lubrication, metal cutting, engine performance, and defects in metals. Several papers are devoted to the use of radioisotopes in the automation of industrial processes, recording and measuring devices, quality control, flowmeters, level gauges, safety devices, radiation counters, etc. These papers represent contributions of various Soviet institutes and laboratories. They were published as Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, April 4-12, 1957. No personalities are mentioned. Several of most of the papers.</p>
<p>Bukley, L.B., A.M. Bogachev, L.A. Brodsky, B.I. Verkhovskiy, A.N. Malarov, N.S. Novobeliya, and L.A. Rubinstein (Guest Labor. avtomaticheskikh min-vachern. metallurgicheskikh plant). Use of radioisotopes in the Zaporozhets'kiy Metallurgical plant. Zaporozhets'kiy, 1957.</p> <p>Faleky, I.M. and V.A. Panushkovskiy (Institut fizich. i radioelementov Litovskoy SSR — Institut fizich. i radioelementov Litovskoy SSR). Consideration of the Control-Signal Statistics in Recording Radioactive Radiation With Relay-Type Instruments. Institute of Physics imeni P.N. Lebedeva, Academy of Sciences, USSR. Leningrad Steel Rolling Mill and Steel Rope Plant. Leningrad Zaporozhets'kiy, 1957.</p> <p>Novobeliya, N.S. (Dnepropetrovskoye zavod "Zaporozhstal"). Use of Apparatus for the Measurement of the Thickness of Rolled Steel and Coatings. Dnepropetrovsk, 1957.</p> <p>Tal'der, I.M. and V.A. Panushkovskiy (Institut fizich. i radioelementov Litovskoy SSR — Institut fizich. i radioelementov Litovskoy SSR). Consideration of the Control-Signal Statistics in Recording Radioactive Radiation With Relay-Type Instruments. Institute of Physics imeni P.N. Lebedeva, Academy of Sciences, USSR. Leningrad Steel Rolling Mill and Steel Rope Plant. Leningrad Zaporozhets'kiy, 1957.</p> <p>Izakov, V.K., V.V. Lyudkin, S.Y. Medvedev, Th. S. Plitman, L.L. Tal'zhenko, and V.I. Shul'ga (Institut metallovedeniya i metallov Tashkent). Investigation of Metallography and the Physics of Metals. Tashkent, 1957.</p> <p>Ovcharenko, Ye.Z. (Kontrolirovaniye byuro "Sverstekstomash". NPF SSSR — Design Engineering Office of "Sverstekstomash"). Use of Seismological Counters With Electron Modulation for Gamma-Radiation Recording. Tashkent, 1957.</p> <p>Shnor, L.K. and V.A. Yushchenko (Institut fizich. i radioelementov Litovskoy SSR — Institut of Physics, Academy of Sciences, Lithuania). Portable Radioactive Level Indicators. Tashkent, 1957.</p> <p>Brik, Ye.A. Level Indicator for Pre-flowing Materials. Tashkent, 1957.</p>

88714

12.9100 2311, 2411

S/127/60/000/006/001/007
B012/B054AUTHORS: Shul'ga, V. I., Engineer, Bekushev, V. I., Engineer,
Filippov, G. S., Engineer, and Kuz'min, V. M., Candidate
of Technical Sciences (Leningrad)

TITLE: Test Results of the BAW-250 (BASH-250) Drilling Unit

PERIODICAL: Gornyy zhurnal, 1960, No. 6, pp. 39 - 43

TEXT: The BAW-250 (BASH-250) drilling unit was designed at the institut Gipronikel' (State Design and Planning Scientific Research Institute of the Nickel, Cobalt, and Tin Industry), and built by the test plant of the Institute (in the third quarter of 1959). The first testing stage was performed at Priozersk, Leningradskaya oblast', in the fourth quarter of 1959. The results of this test are described. The second and final test will be made in the third and fourth quarters of 1960. Vertical blast holes were drilled in red granite with a hardness of 14 - 16 according to Protod'yakonov, 21 m deep, at a distance of 3 - 4 m from the bench edge. Rolling cutters 214, 269, and 300 mm in diameter were used. The 214 mm cutters of the

Card 1/3

KOLOTOVA, N.N., doktor meditsinskikh nauk; RAYZMAN, R.D.; SHUL'GA, V.I.

Rheumatic hepatitis. Vrach.delo no.5:523-525 My '57. (MLRA 10:8)

1. Kafedra terapii (zav. - dots. G.I.Burchinskiy) stomatologicheskogo
fakul'teta Kiyevskogo meditsinskogo instituta i terapevticheskoye
otdeleniye Pervoy podol'skoy bol'nitsy Kiyeva
(LIVER--DISEASES) (RHEUMATIC FEVER)

SHUL'GA, V.M.

Age of the Krykkuduk intrusive complex (northern Kazakhstan).
Sov.geol. 4 no.11:150-153 N '61. (MIRA 14:11)

1. TSentral'no-Kazakhstanskoye geologicheskoye upravleniye.
(Kazakhstan--Rocks, Igneous)
(Geological time)

ABULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BANDALETOV,
S.M.; BISPALOV, V.F.; BOGDANOV, A.A.; BOROVIKOV, L.I.; BORSUK,
B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA,
K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.;
KOPYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KURDYUKOV,
K.V.; LAVIROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.;
MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.;
NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.;
RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.;
SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA,
V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.;
NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKUSHIN,
V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan]
Geologicheskoe stroenie TSentral'nogo i Uzhnogo Kazakhstana.
Leningrad, Otdel nauchno-tekn.informatsii, 1961. 496 p.
(Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.41)
(MIRA 14:7)

" (Kazakhstan--Geology)

SHUL'GA, V.N.

Construction of local roads in Minsk Province. Avt.dor. 25
no. 5:10-11 My '62. (MIRA 15:6)
(Minsk Province--Road construction)

SHUL'GA, V.V.

Apparatus for sharpening spectrographic carbon electrodes. Zav.lab.
22 no.5:615 '56. (MLRA 9:8)

1. Dal'nevostochnyy olovyanny kombinat.
(Electrodes, Carbon)

GEL'TS, Vladimir Emel'yevich [Hel'ts, V.E.]; SHUL'GA, V.V., glavnnyy red.

[Plastics used in the machinery and instrument industries]
Plastychni masy v mashynobuduvanni ta pryladobuduvanni. Kyiv,
1959. 34 p. (Tovarystvo dlia poshyrennia politychnykh i
naukovykh znan' Ukrains'koi RSR. Ser.7, no.5) (MIRA 12:8)
(Plastics) (Machinery industry) (Instrument industry)

PROFATILOVA, Larisa Mikhaylovna, kand.ekonom.nauk; SHUL'GA, V.V.,
glavnyy red.

[Development of the production of synthetic materials is
important for national economy] Rozvytok výrobyntstva
syntetychnykh materialiv - vazhlyve narodnohospodars'ke
zavdannia. Kyiv, 1959. 35 p. (Tovarystvo dlia poshyrennia
politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.7,
no.4) (MIRA 12:8)

(Synthetic products)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V.Ya., kand. tekhn nauk

Continuous railroad rails. Zhel. dor. transp. 37 no.8:82-84
Ag '55. (MIRA 12:8)
(Railroads--Rails)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, V.Ya., kandidat tekhnicheskikh nauk.

Prospective developments for rails. Zhel.dor.transp. 37 no.7:
65-70 Jl '56. (MLRA 9:8)
(Railroads--Rails)

SHUL'GA, V.Ya., inzhener.

The tracks of India's main rail lines. Put.i put.khoz. no.4:46-47
Ap '57. (MLRA 10:5)
(India--Railroads--Tracks)

SHUL'GA, V.Ya., kand. tekhn. nauk.

The value of preventive maintenance. Put' i put. khoz. no.10:3-5
0 '57. (MIRA 10:11)
(Railroads--Maintenance and repair)

PETROV, A.P.; PRIPOL'TSEV, V.A.; SHUL'GA, V.Ya.; FRIDMAN, M.I., etv. za
vypusk; BOBROVA, Ye.N., tekhn.red.

[Railroads of India] Zheleznye dorogi Indii. Moskva, 1958. 65 p.
(Informatsiya o zarubezhnoi tekhnike, no.5) (MIRA 12:6)

1. Delegaty IV sessii Podkomiteta po zheleznodorozhnому transportu
Ekonomicheskoy komissii dlya stran Azii i Dal'nego Vostoka (for
Petrov, Prapol'tsev, Shul'ga).
(India--Railroads)

SHUL'GA, Valeriy Yakovlevich, dots., kand. tekhn. nauk; SERGEYeva, A.I.,
inzh., red.; BOBROVA, Ye.M., tekhn. red.

[Track and roadbed of French railroads] Verkhnee stroenie zhelezno-
dorozhnogo puti Frantsii. Moskva, Gos. transp. zhel.-dor. izd-vo,
1958. 92 p. (MIRA 11:9)

(Railroads--Track)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V.Ya., kand.tekhn.nauk.

Methods of preventing clogging in crushed-rock track ballast.
Zhel. dor. transp. 40 no.3:63-65 Mr '58. (MIRA 11:4)
(Ballast (Railroad))

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, V.Ya., kand.tekhn.nauk; AL'BREKHT, V.G., prof., red.; CHUKANOVA, L.V., red.; SOFIANO, N.K., red.; PEREVERZEEVA, T., tekhn.red.

[Continuous railroad tracks on reinforced-concrete ties] Bessty-kovyj put' na podrel'sovom osnovanii iz zhelezobetona. Pod red. V.G.Al'brekht. Moskva, Vses.in-t nauchn. i tekhn.informatsii, 1959. 90 p. (MIRA 13:11)

(Railroads--Track) (Railroads--Ties, Concrete)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V.Ya., kand.tekhn.nauk

Effectiveness of the use of reinforced concrete ties. Put'
i put.khoz. no.10:12-13 0 '59. (MIRA 13:2)
(Railroads--Ties, Concrete)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2

SHUL'GA, V.Ya., kand. tekhn. nauk; SHUL'GA, A.M., inzh.

Efficiency of continuous track laid on reinforced concrete
ties. Zhel. dor. transp. 41 no.2:34-37 F '59. (MIRA 12:3)
(Railroads--Track) (Railroads--Ties, Concrete)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001550130004-2"

SHUL'GA, V.Ya., kand.tekhn.nauk

Efficiency of the new type of rail fastenings. Put' i put.khoz.
4 no.8:10-13 Ag '60. (MIREA 13:7)
(Railroads--Rails--Fastenings)

SHUL'GA, V.Ya., kand.tekhn.nauk

Mechanization of operations in the construction of tracks with
continuous rails. Zhel.dor.transp. 42 no.5:43-47 My '60.
(MIRA 13:9)

(Railroads--Track)

SHUL'GA, V.Ya., kand.tekhn.nauk

It is possible to expand the zone of application of continuous
tracks exposed to temperature stresses. Put' i put.khoz. 5
no.8:26-27 Ag '61. (MIRA 14:10)
(Railroads—Track)

AL'BREKHT, V.G., doktor tekhn.nauk; PERSHIN, S.P., kand.tekhn.nauk;
SHUL'GA, V.Ya., kand.tekhn.nauk

Expanding the zones for the laying of continuous tracks.
Zhel.dor.transp. 44 no.5:43-47 My '62. (MIRA 15:5)
(Railroads—Track)

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(Railroads—Track)

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kand. tekhn. nauk, dots.; ANGELEYKO, V.I., prof.; CHLENOV,
M.T., kand. tekhn.nauk, retsenzent; TIKHOMIROV, V.I., inzh.,
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